

**ELECTRICAL CABLE AND CONNECTION STRUCTURE BETWEEN
ELECTRICAL CABLE AND TERMINAL**

ABSTRACT OF THE DISCLOSURE

An electrical cable is used to form an internal circuit in an electrical connection box to be mounted on an automobile. An aluminum-based metal conductor is covered with a heat-resistant resin, such as PE (polyethylene) or PBT (polybutylene terephthalate). The conductor is a single core wire or a twisted core wire, which has a plurality of element wires. The conductor is pushed into an insulation displacement slot in an insulation displacement terminal. The insulation displacement terminal is made from an aluminum-based metal or a copper-based metal. A welding material, made of an iron-based metal, welds a contact portion between the conductor and a blade section on an inner peripheral edge of the insulation displacement slot.